

**Leaf & Fruit Shapes\***  
**of Keystone & Significant Woody Genera in the Mid-Atlantic Region\*\***

	Genus	Typical Leaf Shape(s)	Ovate	Typical Fruit Shape	Fruit Type
1	<i>Quercus</i> (oak) 513 lepidopterans	lobed or linear, <i>elliptic</i> , ob lanceolate, narrowly <b>ovate</b> , <b>obovate</b> , spatulate	Yes	<b>ovoid</b> , <i>ellipsoid</i> , oblong, (sub)globose, or some combination thereof	Nut
2	<i>Prunus</i> (cherry/plum) 390 lepidopterans	shapes numerous incl. <b>ovate</b> , <b>obovate</b>	Yes	globose to <b>ovoid</b> , <b>ovoid-oblong</b> , <i>ellipsoid</i> , <b>obvoid</b>	Drupe
3	<i>Betula</i> (birch) 321 lepidopterans	<b>ovate</b> to deltate, <i>elliptic</i> , or nearly orbiculate	Yes	winged	Samara
4	<i>Salix</i> (willow) 316 lepidopterans	lanceolate or linear	No	obclavate to <b>ovoid</b> or <i>ellipsoid</i>	Capsule
5	<i>Acer</i> (maple) 274 lepidopterans	palmate	No	winged	Samara
6	<i>Malus</i> (crabapple) 264 lepidopterans	<i>elliptic</i> , <b>ovate</b> , <b>obovate</b> , <i>oval</i> , triangular- <b>ovate</b> , lanceolate, <b>ovate-oblong</b> , oblong	Yes	globose, depressed-globose, <b>obvoid</b> , oblong	Pome
7	<i>Populus</i> (poplar) 259 lepidopterans	often <b>ovate</b> to triangular to circular	Yes	<b>ovoid</b> or spherical	Capsule
8	<i>Vaccinium</i> (blueberry) 250 lepidopterans	<i>elliptic</i> , <b>ovate</b> to oblong-lanceolate, spatulate	Yes	<b>ovoid</b> to globose	Berry
9	<i>Carya</i> (hickory) 239 lepidopterans	leaflets <b>ovate</b> , <b>obovate</b> , <i>elliptic</i> , <b>ovate-lanceolate</b>	Yes	subglobose to oblong to <b>obvoid</b> enclosed in husk	Nut
10	<i>Pinus</i> (pine) 238 lepidopterans	N/A	No	N/A	Seed Cone
11	<i>Alnus</i> (alder) 190 lepidopterans	<b>ovate</b> to <i>elliptic</i> or <b>obovate</b>	Yes	winged	Samara
12	<i>Ulmus</i> (elm) 180 lepidopterans	<b>ovate</b> to <b>obovate</b> or <i>elliptic</i>	Yes	winged	Samara
13	<i>Rubus</i> (blackberry) 148 lepidopterans	reniform to orbiculate	No	globose to hemispheric or cylindric	Aggregate Drupe
14	<i>Tilia</i> (basswood) 143 lepidopterans	<b>ovate</b> to orbicular with cordate to truncate base	Yes	flattened	Nutlet
15	<i>Crataegus</i> (hawthorn) 142 lepidopterans	<b>ovate</b> to narrowly <i>elliptic</i> or <b>obovate</b>	Yes	suborbicular to <i>ellipsoid</i> or pyriform	Pome
16	<i>Juglans</i> (walnut) 137 lepidopterans	leaflets <b>ovate</b> to lanceolate or <b>ovate</b> /oblong-lanceolate	Yes	subglobose to globose	Nut/ Drupe
17	<i>Fraxinus</i> (ash) 131 lepidopterans	leaflets <b>ovate</b> or <i>elliptic</i> to lanceolate	Yes	winged	Samara
18	<i>Castanea</i> (chestnut) 129 lepidopterans	lanceolate, oblong	No	spiny bur – <b>ovoid</b> within bur	Nut
19	<i>Fagus</i> (beech) 128 lepidopterans	<b>ovate</b> or narrowly- <b>ovate</b> , rarely <b>obovate</b>	Yes	cupule	Nut
20	<i>Corylus</i> (hazel) 115 lepidopterans	broadly <b>ovate</b> with often cordate bases	Yes	globose to <b>ovoid</b>	Nut
21	<i>Rosa</i> (rose) 113 lepidopterans	cordate, <i>elliptic</i> , lanceolate, <b>ovate-lanceolate</b> , oblong, <b>obovate</b> , <i>oval</i> , orbiculate	Yes	globose, <b>ovoid-obvoid</b> , <i>ellipsoid</i> , oblong, pyriform, or urceolate	Hip
22	<i>Cornus</i> (dogwood) 110 lepidopterans	<b>ovate</b> , <i>elliptic</i> , <b>obovate</b> , lanceolate	Yes	globose, subglobose, <b>ovoid</b> , or <i>ellipsoid</i>	Drupe
23	<i>Viburnum</i> 102 lepidopterans	<i>elliptic</i> , oblong, <i>oval</i> , <b>ovate</b> , <b>obovate</b> , orbicular	Yes	<b>ovoid</b> , <b>obovoid</b> , <i>ellipsoid</i> , or globose	Drupe
24	<i>Amelanchier</i> (serviceberry) 100 lepidopterans	<i>elliptic</i> , <b>ovate</b> , <i>oval</i> , ob lanceolate, oblong, <b>oblong-ovate</b> , <b>obovate</b> , quadrangular, orbiculate	Yes	mostly globose	Pome

\*Leaf and fruit shape descriptions from Flora of North America and Flora of Virginia.

\*\*Lepidopteran count was determined using the “Native Plant Finder,” National Wildlife Federation, zip code 22206 for the Arlington County Virginia Cooperative Extension Office. Elsewhere in the Mid-Atlantic Region, this list of woody genera should remain essentially the same, but the lepidopteran count could be higher or lower depending on the zip code, resulting in a change in genera ranking.